

42



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/780,499	02/12/2001	Seiji Kishimoto	P20588	8118
7055	7590	01/25/2005	EXAMINER	
GREENBLUM & BERNSTEIN, P.L.C.			NATNAEL, PAULOS M	
1950 ROLAND CLARKE PLACE			ART UNIT	
RESTON, VA 20191			PAPER NUMBER	
			2614	

DATE MAILED: 01/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/780,499

Applicant(s)

KISHIMOTO ET AL.

Examiner

Paulos M. Natnael

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 August 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 and 7-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 7-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 1-11-05.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the claimed "changeover target video output source" must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-5, and 7-10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claims 1 and 7, the claimed "the changeover target output source" lacks antecedent basis.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1, 4, 5, 7-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Voltz, U.S. Patent No. 6,314,523.

Considering claim 1, **Voltz** discloses all claimed subject matter, note;

a) a plurality of video output sources that output a sync signal and video signal corresponding to said sync signal, is met by Composite 1,2, and 3, S-video 1 and 2,

Tuners 1 and 2, FIGs.2a and 2b; (See also disclosure concerning sync signal on col. 4, 29-36)

b) a selector that selects the changeover target video output source indicated by a changeover instruction from said plurality of video output sources, is met by MUX 56, 98, and 100, FIGs.2a and 2b;

c) timing synchronizer that synchronizes a sync signal output by said target video output source with a sync signal output by a video output source to be changed, is met by the disclosure that "The first digital video multiplexer 62 then selects the signal to provide the actual decoded video signal to be handled by a graphics controller 64 with timing information being sent to a phase lock loop (PLL) circuit, further connected to the graphics controller 64. " (col. 5, lines 57-61)

d) the claimed controller that turns on power to said target video output source and that turns off the power to said video output source to be changed, based on the changeover instruction, is met by the computer system's CPU and the disclosure that "The power management circuit couples to the plurality of power rails and the second plurality of ground planes, for selectively deactivating at least one of the plurality of power rails independently of any of the other plurality of power rails." (col. 2, lines 30- 33)

Considering claim 4, the video output apparatus according to claim 1, wherein the target video output source comprises a counter that outputs a sync signal when a counted number of reference clock pulses reaches a predetermined number;

Regarding claim 4, see rejection of claim 1(c).

Considering claim 5, the video output apparatus according to claim 4, wherein the counter resets an already counted number of reference clock pulses upon reception of a reset signal from the timing synchronizer.

Regarding claim 5, see rejection of claim 1(c);

As for claim 7, see rejection of claim 1.

Considering claim 8, the communication terminal apparatus according to claim 7, further comprising: an image pickup that picks up an image pickup target as an image pickup signal, an image pickup video output source that outputs a sync signal and said image pickup signal, is inherent because any of the video sources must first be recorded or picked up by an image pickup device such as a TV camera.

Regarding claim 9, see rejection of claim 1.

Response to Arguments

6. Applicant's arguments filed August 18, 2004 have been fully considered but they are moot in view of the new grounds for rejection.

Allowable Subject Matter

7. Claims 2,3, and 10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

8. The following is a statement of reasons for the indication of allowable subject matter: the prior art fails to disclose a reset signal generator that generates a reset signal synchronized with a sync signal of the video output source to be changed based on the changeover instruction, wherein the timing synchronizer synchronizes a sync signal output by the target video output source with said reset signal, as in claims 2; generating a reset signal synchronized with a sync signal of the signal source means to be changed, wherein the synchronizing the sync signal synchronizes a sync signal of the changeover target signal source with said reset signal, as in claim 10;

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paulos M. Natnael whose telephone number is (703) 305-0019. The examiner can normally be reached on 9:00am - 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (703) 305-4795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2614

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PMN
January 11, 2005



PAULOS M. NATNAEL
PATENT EXAMINER